



## PHOSGENE

<b>Agent Overview:</b>	Phosgene (CG) and Diphosgene (DP) are classified as choking/pulmonary agents. At room temperature, they are gases; but they can be converted into a liquid for shipment and storage. Initial symptoms can include mild irritation of the eyes and throat, coughing, choking, feeling of tightness in the chest, nausea and occasional vomiting, headache, and lacrimation. Severe effects may be delayed and include pulmonary edema and cardiovascular failure. Secondary systemic damage is the result of anoxia.
<b>Lab Specimen Submittal:</b>	Authorization by Dr. Jane Getchell, Director DPHL; Christina Pleasanton, Deputy Director DPHL; or Tara Lydick, Chemical Terrorism Coordinator.
<b>Type of Specimens Necessary for Testing:</b>	<u>Urine:</u> 25mL-50mL screw-cap container <u>Whole blood:</u> <ul style="list-style-type: none"><li>- Three, 5 or 7 mL purple-top (EDTA) tubes (vacuum fill only) AND</li><li>- One, 5 or 7 mL gray-top or green-top (vacuum fill only) AND</li><li>- Two empty urine cups and two empty blood tubes for each lot # submitted.</li></ul>
<b>Packaging Instructions:</b>	<u>Urine:</u> freeze specimen upon collection and ship on dry ice; label specimens and package individually; wrap with absorbent material. <u>Whole blood:</u> place filled tubes in a shipping rack for stability, wrap the tubes in absorbent material, and secure with tape. Place the packaged tubes in a secondary unbreakable container. Specimens may be shipped cold but <i>must not</i> be frozen. <u>All:</u> wrap sample containers and layers with tamper-proof, waterproof forensic evidence tape initialed by collector, being careful not to cover the sample labels. Ship to DPHL as Biological Substance, Category B (Packing Instruction 650).
<b>Receiving Specimens at DPHL:</b>	Authorized specimens are received at the lab's rear (loading dock) entrance. Submitters must present ID and complete proper forms.
<b>Handling of Specimens:</b>	Chain of custody procedures must be followed. Urine specimens should be frozen upon collection.
<b>Reporting Results:</b>	Reference laboratory will notify DPHL as soon as possible. The Potential Exposure Call Log and Information form will provide information for notification of testing results outside of the DPHL.
<b>Contact Information:</b>	Jane Getchell, DrPH, Director DPHL, 302-223-1520 (24/7 coverage)